

IN THE CLAIMS:

1. (currently amended) A kit comprising a non-amplified oligonucleotide detection assay configured for detecting a CFTR allele selected from the group consisting of 2184delA or the wild-type version thereof, wherein said non-amplified oligonucleotide detection assay comprises first and second oligonucleotides configured to form an invasive cleavage structure in combination with a target sequence comprising said CFTR allele, wherein said first oligonucleotide comprises a 5' portion and a 3' portion, wherein said 3' portion is configured to hybridize to said target sequence, and wherein said 5' portion is configured to not hybridize to said target sequence, and wherein said second oligonucleotide comprises a 5' portion and a 3' portion, wherein said 5' portion is configured to hybridize to said target sequence, and wherein said 3' portion is configured to not hybridize to said target sequence, and wherein said second oligonucleotide comprises SEQ ID NO:85.

2-4. (cancelled)

5-14. (cancelled).

15-19. (withdrawn).

20-21. (cancelled).

22. (new) The kit of Claim 1, wherein said first oligonucleotide sequence comprises SEQ ID NO:86.

23. (new) The kit of Claim 1, wherein said first oligonucleotide sequence comprises SEQ ID NO:87.